

MUNAZ A. NOOR

Ph.D. (University of Tokyo)

Professor of Civil Engineering
BUET, Dhaka, Bangladesh

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CORE EXPERTISE

S Structural · E Seismic · M Materials

PROFICIENCY

Tall Bldg 95% · Seismic 95% · Materials 90%
FEM-FEA 90% · Research 85% · Leadership 92%

TECHNICAL TOOLS

- ETABS / SAP2000
- ANSYS
- Seismic Analysis Codes
- MATLAB
- AutoCAD
- LaTeX / Office Suite

LANGUAGES

- Bangla — Native
- English — C2 Proficient
- Japanese — Basic
- Arabic — Reading

Internationally recognized **Structural & Seismic Engineering** expert with **30+ years** of experience in tall building design, earthquake-resistant structures, and construction materials research. Ph.D. from **The University of Tokyo** with a track record as Vice-Chancellor, principal investigator, and national-level technical advisor. Published **3 books** and **90+ papers** in non-linear FEA, soil–structure interaction, and performance-based seismic design.

TALL BUILDING DESIGN
High-rise systems, performance-based design

SEISMIC DESIGN EXPERT
Vulnerability assessment, code & retrofit

MATERIALS EXPERT
Concrete, Grade 500 steel, NDT methods

EDUCATION

1997–2000 — **Ph.D. in Civil Engineering**
The University of Tokyo, Japan (ADB/JSP Scholarship · All courses "A")
Non-linear FEA of reinforced concrete and soil–structure interaction.

1995–1997 — **M.Sc. in Civil & Structural Engineering**
BUET — **1st Class 1st** · GPA 3.94 · Sarfuddin Gold Medal

1989–1995 — **B.Sc. in Civil Engineering**
BUET — **1st Class 1st with Honours** · Malek Akram Hossain Gold Medal

2018 — **Mini-MBA & Strategic Management Diplomas**
International Business Management Institute, New York

PROFESSIONAL EXPERIENCE

Nov 2025 – Present — **Professor (Grade - 1), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka

Nov 2011 – Nov 2025 — **Professor (Grade - 2), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka

Nov 2009 – Nov 2011 — **Professor (Grade - 3), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka
Undergraduate and postgraduate teaching and research in structural engineering, earthquake engineering, tall building design, and construction materials. Supervised 21+ M.Sc. and ongoing Ph.D. theses. Provided consultancy for major infrastructure and high-rise projects nationally.

2018–2022 — **Founding Vice-Chancellor**
Bangabandhu Sheikh Mujibur Rahman Digital University, Gazipur
Established Bangladesh's first digital university from the ground up.

2016–2018 — **Vice-Chancellor**
Islamic University of Technology (IUT), Gazipur
Led OIC-affiliated international university; digitalized all operations.

2013–2016 — **Pro-Vice-Chancellor**
National University, Gazipur
Directed academic affairs for 2.1M+ students across 2,200 colleges. Led World Bank & ADB-funded development projects.

2004–2009 — **Associate Professor, Civil Engineering**
BUET, Dhaka

2000–2004 — **Assistant Professor, Civil Engineering**
BUET, Dhaka

1995–2000 — **Lecturer, Civil Engineering**
BUET, Dhaka

NATIONAL-LEVEL TECHNICAL CONTRIBUTIONS

- **Panel of Experts — Seismic Analysis, Ruppur Nuclear Power Plant**
- **Negotiating Team — Civil Construction, Ruppur Nuclear Power Plant**
- **Expert Committee — Impact Assessment of Tipaimukh Dam**

KEY HONOURS

- ★ **Education Leadership** Award — CMO Asia, 2016
- ★ **Honorary Doctorate** Commonwealth Univ., 2018
- ★ **Exceptional Educator** American Leader Board, 2018
- ★ **Sarfuddin Gold Medal** 1st in M.Sc., BUET
- ★ **Malek Akram Hossain** Gold Medal — 1st B.Sc., BUET
- ★ **IEB Best Paper Award** 2001 & 2011

MEMBERSHIPS

Life Fellow, IEB
Charter Member, SEI (ASCE)
Member, ISSMGE
Member, ACI
Life Member, BES
VP, Bangladesh Earthquake Soc.
VP, Alt. & Sust. Energy Found.

- ❖ **Digital Bangladesh Task Force** (PM's Office)
- ❖ **National Council for Science & Technology** (PM's Office)
- ❖ **Equivalence Committee, University Grants Commission**

RESEARCH & FUNDED PROJECTS

CASR/BUET **Simplified Soil–Structure Interaction for Buried Pipe Design**

UGC **Seismic Assessment of Existing Buildings of Bangladesh**

CASR/BUET **Seismic Assessment of Engineered Structures & Code Provisions**

UNOPS **Earthquake & Tsunami Preparedness — Cox's Bazar**

BUET-Japan **Director, Inst. for Disaster Prevention & Urban Safety**

KEY STRUCTURAL & CONSULTANCY PROJECTS

24-Storey AUB Tower · Ruppur Nuclear — Seismic · Radisson Blue 20F, Ctg · EBL HQ 14F · Yunus Bldg 15F, Ctg · Freedom Tower — Check · Novo Theatre · Telecom Towers

PUBLICATIONS

90+ Papers

3 Books

Books: *Designing With Grade 500 Steel* (2010) · *Earthquake Resistant Design Manual* (2006) · *Construction Safety Guide* (2013)
Chapter in *Climate Change & Growth in Asia* (Edward Elgar, 2010)

Editorial: Chairman, Ed. Board — J. of Civil Engg. (IEB) · Editor — J. of IEB Multidisciplinary · Chairman, Ed. Board — J. of Science, National University

SELECTED PROFESSIONAL TRAINING

2010 **Disaster Risk Management** — World Bank Inst., Philippines

2009 **Earthquake Engg. for Nuclear Facilities** — IAEA/ICTP, Italy

2007 **Natural Disaster Mitigation** — JICA-NIED, Japan

2005 **Public–Private Partnerships** — UNESCO-IHE, Netherlands

2004 **Structural Damage Assessment & Retrofit** — IISc, India

PROFESSIONAL BODY LEADERSHIP

2020–23 **Chairman, Civil Engg. Division** — IEB

2018–20 **Central Council Member** — IEB

2011–12 **Vice Chairman, Civil Engg. Division** — IEB — received **Best Division** award

2009– **Board Member** — Asia-Pacific Assoc. for Public Safety Sci. & Tech.

References available upon request